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62nd Annual Denver TB Course March 25-27, 2026 | Denver, CO

Wi-Fi

Turn on your Wi-Fi and look for network **NJH-Guest**. You'll see a pop-up window and will need to enter your email address.

Presentation Slides

During the conference and for 2 weeks after, the presentations will be available online. The slides can be downloaded but may not be edited, printed or distributed.

NJHealth.org/TB2026Slides

Polling

Some presentations will do polling using PollEverywhere. To ensure you can participate, please follow the instructions below:

1. Scan this QR code on your mobile device:



OR

Go to this website from your computer or mobile device:

<https://pollev.com/professionaleducationnationaljewishhealth910>

2. **You have now joined. You do not need to do anything else until we begin polling.**
3. When we ask a polling question, the poll will appear on your screen and you will be able to submit your response.

Credit Claiming

In order to receive your certificate at the end of the conference, you must complete the final conference evaluation to attest to which lectures you attended. The evaluation will be available to complete at the end of the conference at the link below.

Evaluation link: https://redcap.link/62nd_TB_Eval

After completing the final conference evaluation, you will be prompted to download your certificate. Credit will be awarded based on participation.

Registered nurses seeking nursing contact hours must attend an entire conference segment (Wednesday evening, Thursday or Friday) to receive contact hours. Nursing contact hours will be prorated based on the number of segments attended.

Contact Us

If you have questions throughout the conference, please visit the Registration Desk or call the on-site contacts:

Meghan Brenner – 303.249.8096
Bryce Chitanavong – 785.430.0165
Laniecia Demmer – 720.232.6174

Questions after the conference can be directed to proed@njhealth.org or 303.398.1000.



17.0 CME/CNE

Day 1 - Wednesday, March 25 (3.5 CME/CNE)

1:30–2 p.m. MDT	Registration	
2–2:10 p.m. MDT	Welcome	Michelle Haas, MD
2:10–2:40 p.m. MDT	History of National Jewish Health & TB	Jared Eddy, MD
2:40–3:25 p.m. MDT	Epidemiology	Amy Beeson, MD
3:25–4:10 p.m. MDT	Immunopathogenesis	Edward Chan, MD
4:10–4:30 p.m. MDT	Break	
4:30–6 p.m. MDT	Transmission of M. Tuberculosis and Infection Control Workshop	David Griffith, MD Jared Eddy, MD

Day 2 - Thursday, March 26 (6.5 CME/CNE)

7:30–8 a.m. MDT	Breakfast	
8–8:30 a.m. MDT	Challenging Clinical Scenarios	Katherine Frasca, MD
8:30–9:20 a.m. MDT	Diagnosis of LTBI: Tuberculin Skin Test & IGRA	Michelle Haas, MD
9:20–10:10 a.m. MDT	Treatment of LTBI/BCG Vaccination	Stephanie Wienkers, PharmD
10:10–10:30 a.m. MDT	Break	
10:30–11:20 a.m. MDT	Laboratory Services	Reeti Khare, PhD
11:20 a.m.–12:05 p.m. MDT	CXR Interpretation	Soonho (Snow) Yoon, MD, PhD
12:05–1:10 p.m. MDT	Lunch	
1:10–2 p.m. MDT	Treatment of TB	Michelle Haas, MD



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2–2:50 p.m. MDT	Drug Side Effects/Toxicity	David Griffith, MD
2:50–3:05 p.m. MDT	Break	
3:05–4:05 p.m. MDT	Michael D. Iseman Lectureship - Taking Side Effects Seriously	William Burman, MD
4:05–5:15 p.m. MDT	<i>Optional Lab Tour</i>	

Day 3 - Friday, March 27 (7.0 CME/CNE)

7:30–8 a.m. MDT	Breakfast	
8–9 a.m. MDT	Management of Nontuberculous Mycobacterial Infections	Shannon Kasperbauer, MD
9–9:45 a.m. MDT	TB and HIV Co-Infection	Michelle Haas, MD
9:45–10 a.m. MDT	Break	
10–10:50 a.m. MDT	Extra-Pulmonary TB	Michelle Haas, MD
10:50–11:50 a.m. MDT	Pediatric Tuberculosis	Richard Broadhurst, MD
11:50 a.m.–1:05 p.m. MDT	Lunch <i>Optional Lab Tour</i>	
1:05–2 p.m. MDT	Management of MDR-TB	Charles Daley, MD
2–3:45 p.m. MDT	Contact Investigation/Public Health Workshop	Amy Beeson, MD Robert Belknap, MD Alejandro Perez
3:45–4 p.m. MDT	Break	
4–4:45 p.m. MDT	Ask the Experts	Denver TB Course Faculty
4:45 p.m. MDT	Closing Comments	

Denver TB Course

(Hybrid Event)

MARCH 25-27, 2026

Learning Objectives

By the end of the course, participants should be able to:

- Discuss the epidemiological features which are associated with increased risk for tuberculosis.
- Explain the clinical manifestations of tuberculosis and how they differ in unique patient populations such as pediatrics or HIV co-infection.
- Recognize the tools available for diagnosis of tuberculosis and their differences, advantages, and possible shortcomings.
- Formulate a treatment regimen for a patient with drug susceptible or drug resistant tuberculosis while understanding the pharmacokinetics and potential toxicities of that regimen.
- Discuss the importance and performance of contact investigation among persons exposed to new cases of communicable TB.

Accreditation Statement

National Jewish Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Designation Statement

National Jewish Health designates this live activity for a maximum of 17.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Continuing Education Accreditation Statement

Provider approved by the California Board of Registered Nursing, Provider Number 12724, for 17.0 contact hours.

Participant attendance throughout an entire conference segment (Wednesday evening, Thursday, or Friday) is required to receive contact hours. Nursing contact hours will be prorated based on the number of segments attended.

Disclosure of Financial Relationships for Individuals in Control of Content

In accordance with the Accreditation Council for Continuing Medical Education (ACCME), National Jewish Health requires that all program faculty, content developers, reviewers, and others in a position to control the content of this activity disclose to learners the presence or absence of any relevant financial relationships with an ACCME-defined ineligible company within the preceding 24 months of the activity. The ACCME defines an “ineligible company” as one whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Our goal is to ensure that there is no compromise in the ethical relationship that exists between those in a position to control the content of the activity and those participating in the activity and their respective professional duties. All accredited education activities offered by National Jewish Health are reviewed to ensure a balanced and evidence-based presentation.

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Program Co-Chairs

Charles Daley, MD

Chief and Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

Michelle Haas, MD

Associate Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

Educational Program Faculty Presenters

Amy Beeson, MD

Assistant Professor
University of Colorado School of Medicine

Katherine L. Frasca, MD

Assistant Professor of Medicine
Division of Infectious Diseases
University of Colorado School of Medicine

Robert (Bob) Belknap, MD

Chair, Public Health Institute at Denver Health
Associate Professor of Medicine
Division of Infectious Disease
Denver Health
University of Colorado

David Griffith, MD

Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

Richard (Rob) Broadhurst, MD, MPH

Assistant Professor of Internal Medicine and Pediatrics
University of Colorado School of Medicine
Denver Tuberculosis Clinic

Michelle Haas, MD (Program Co-Chair)

Associate Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

William Burman, MD

Professor of Medicine
University of Colorado School of Medicine

Shannon Kasperbauer, MD

Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

Edward Chan, MD

Staff Physician
National Jewish Health
Pulmonologist, Rocky Mountain Regional VA Medical Center

Reeti Khare, PhD

Director, Infectious Disease Laboratory
Associate Professor
Advanced Diagnostic Laboratories
National Jewish Health

Charles Daley, MD (Program Co-Chair)

Chief and Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

Alejandro Perez

Disease Intervention Specialist
Denver Health

Jared Eddy, MD, MPhil, MSc

Assistant Professor of Medicine
Division of Mycobacterial and Respiratory Infections
National Jewish Health

Stephanie Wienkers, PharmD, BCACP

Ambulatory Care Clinical Pharmacy Specialist
Denver Health

Soonho (Snow) Yoon, MD, PhD

Professor of Radiology
National Jewish Health

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Faculty Presenter Disclosures

Amy Beeson, MD has no relevant financial relationships to disclose.

Robert Belknap, MD has no relevant financial relationships to disclose.

Richard Broadhurst, MD has no relevant financial relationships to disclose.

William Burman, MD has no relevant financial relationships to disclose.

Edward Chan, MD has no relevant financial relationships to disclose.

Charles Daley, MD declares the following relevant financial relationships:

Advisory Board: AN2, AstraZeneca, Galapagos, GlaxoSmithKline, Grifols, Hyfe, Insmmed, MannKind, MicuRx, NobHill, Otsuka, Paratek, Spero

Investigator: AN2, AstraZeneca, GlaxoSmithKline, Insmmed, MannKind, Merck, Paratek, Renovion, Spero, Trudell

Consultant: Insmmed

Jared Eddy, MD, MPhil, MSc has no relevant financial relationships to disclose.

Katherine L. Frasca MD, PhD declares the following financial relationships:

Investigator: Gilead

David Griffith, MD declares the following relevant financial relationships:

Investigator: Insmmed, Paratek

Consultant: Insmmed,

Michelle Haas, MD has no relevant financial relationships to disclose.

Shannon Kasperbauer, MD declares the following relevant financial relationships:

Advisory Board: AN2, Insmmed, Mannkind, Paratek, Zambon

Reeti Khare, PhD has no relevant financial relationships to disclose.

Alejandro Perez has no relevant financial relationships to disclose.

Stephanie Wienkers, PharmD, BCACP has no relevant financial relationships to disclose.

Soonho (Snow) Yoon, MD, PhD has no relevant financial relationships to disclose.

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Planner Disclosures

Charles Daley, MD declares the following relevant financial relationships:

Advisory Board: AN2, AstraZeneca, Galapagos, GlaxoSmithKline, Grifols, Hyfe, Insmmed, MannKind, MicuRx, NobHill, Otsuka, Paratek, Spero

Investigator: AN2, AstraZeneca, GlaxoSmithKline, Insmmed, MannKind, Merck, Paratek, Renovion, Spero, Trudell

Consultant: Insmmed

Michelle Haas, MD has no relevant financial relationships to disclose

Meghan Brenner, MA has no relevant financial relationships to disclose.

Bryce Chitanavong, MBA has no relevant financial relationships to disclose.

Laniecia Demmer has no relevant financial relationships to disclose.

Andrea Harshman, MHA, CHCP, CMP-HC has no relevant financial relationships to disclose.

Reviewer Disclosures

Edward Chan, MD has no relevant financial relationships to disclose.

Michelle Haas, MD has no relevant financial relationships to disclose.

Tillman Koelsch, MD has no relevant financial relationships to disclose

Sherstin T. Lommatzsch, MD has no relevant financial relationships to disclose

Ann Mullen, RN, CNS, CDE has no relevant financial relationships to disclose.

Zulma Yunt, MD declares the following relevant financial relationships:

Consultant: Jansen Research and Development

Speaker: Boehringer Ingelheim

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Faculty Biographies

Amy Beeson, MD, FAAP attended Harvard College and the University of Colorado School of Medicine. She has previously worked with nongovernmental organizations providing community-based TB and HIV research and care in Lima, Peru and Tugela Ferry, KwaZulu-Natal, South Africa. Dr. Beeson completed a combined residency in Internal Medicine and Pediatrics in Colorado, followed by an Epidemic Intelligence Service (EIS) fellowship with CDC.

Since 2023, Dr Beeson has worked in primary care and public health at Denver Health. In 2024, she became the medical director of the TB Program, joining a dedicated, multidisciplinary team that serves seven metro Denver counties. In addition to providing direct care in the TB Clinic, she is involved in TB research and clinical trials at Denver Health, and seeks to continually improve TB prevention and care locally, regionally, and globally.

Robert (Bob) Belknap, MD is the Executive Director of the Public Health Institute at Denver Health and an Infectious Diseases physician. He has worked in the Tuberculosis (TB) Clinic at Denver Health since 2003 and was the Medical Director from 2013-2021. He previously chaired the Department of Health and Human Services Advisory Council for the Elimination of Tuberculosis (ACET) and served as president of the U.S. National Tuberculosis Coalition of America (NTCA) and the National Society for TB Clinicians (NSTC). He is a Principal Investigator for CDC's Tuberculosis Trials Consortium and Tuberculosis Epidemiologic Studies Consortium.

Richard (Rob) Broadhurst, MD, MPH cares for adults and children with tuberculosis in the Denver Metro TB clinic, and also practices adult and pediatric hospital medicine at Denver Health Medical Center. He is interested in implementation science research as it relates to tuberculosis control programs and is a part of the CDC Tuberculosis Epidemiologic Studies Consortium.

William Burman, MD is a board-certified internist and infectious disease specialist who has dedicated his career to the clinical care and research of tuberculosis (TB) and HIV since 1992. He earned his medical degree from Mayo Medical School in 1985, completed his residency in internal medicine at Fitzsimons Army Medical Center in 1989, and went on to complete a fellowship in infectious diseases at the University of Colorado School of Medicine in 1995. Dr. Burman is certified by the American Board of Internal Medicine in

Internal Medicine and brings more than three decades of experience in advancing the management and understanding of TB and HIV.

Edward Chan, MD was born in Burma and emigrated to Colorado. After his medical training in NYC, he was active duty in the USAF Medical Corp before completing his pulmonary fellowship in Denver, CO. His clinical and research interests are in mycobacterial diseases and critical care medicine.

Charles L. Daley, MD (Program Co-Chair) is Chief of the Division of Mycobacterial and Respiratory Infections at National Jewish Health (NJH) and Professor of Medicine at NJH, the University of Colorado School of Medicine, and Icahn School of Medicine at Mount Sinai. Dr. Daley has served on and chaired expert panels for the World Health Organization (WHO), Centers for Disease Control and Prevention (CDC), Infectious Diseases Society of America and American Thoracic Society. He has participated on multiple guideline panels for these organizations including guidelines that address diagnosis, treatment (drug-susceptible and drug resistant) and prevention of TB. He recently Chaired the revision of the multi-society sponsored NTM Treatment Guideline. For his work with MDR-TB he was awarded the World Lung Health Award by the American Thoracic Society. He was previously Associate Editor for the American Journal of Respiratory and Critical Care Medicine and The European Respiratory Journal. His academic interests include TB global health policy and clinical and translational research related to TB, NTM infections and bronchiectasis.

Jared J. Eddy MD MPhil MSc is Assistant Professor of Medicine in the Division of Mycobacterial and Respiratory Infections at National Jewish Health (NJH), where he primarily treats patients with mycobacterial disease but also other infections. He is also Director of the Antibiotic Stewardship Program and Infection Prevention Officer at NJH and director of infection prevention and control at St. Joseph Hospital, Denver. He received his primary medical degree at the Johns Hopkins University School of Medicine. He trained in internal medicine and infectious diseases at Boston Medical Center where he also completed a research fellowship focusing on various aspects of tuberculosis including drug-resistant tuberculosis in Massachusetts, the influence of latent tuberculosis infection on HIV infection, and airborne isolation for infectious tuberculosis. He also holds an MPhil in Classics from the University of Cambridge, UK, where he studied tuberculosis in ancient Rome, as well as an MSc in Epidemiology from the Boston University School of Public Health. Dr. Eddy's research interests include the history of infectious diseases, nontuberculous mycobacterial infections, bronchiectasis, and tuberculosis.

Katherine L. Frasca, MD is an Associate Professor in the Division of Infectious Diseases on the University of Colorado Anschutz Medical Campus. She is a clinician educator focused on medical education as well as HIV treatment and prevention.

David Griffith, MD is currently Professor of Medicine at National Jewish Health (NJH) in Denver Colorado. Prior to joining NJH, he worked for 34 years at UT Health, Tyler, TX where he retired as Professor of Medicine in 2019. He held the William A. and Elizabeth B. Moncrief Distinguished Professorship for 17 years at UT Health. He is an Overseas Fellow of the Royal Society of Medicine and Fellow of the American Thoracic Society and American College of Chest Physicians

Dr. Griffith was Chief of Tuberculosis Services at UT Health for 15 years. He was Medical Director for the Center for Pulmonary Infectious Disease (CPIDC) at UT Health, which provided free TB consultations for the State of Texas, for 17 years. He was the Assistant Medical Director for the Heartland National TB Center in San Antonio, Texas for 12 years and Medical Director for the Texas State Inpatient TB facility, the Texas Center for Infectious Disease (TCID) for 19 years.

Dr Griffith was a member of the writing committee for the American Thoracic Society (ATS) 1997 Guidelines for Diagnosis and Treatment of Nontuberculous Mycobacteria (NTM) and the chair of the writing committee for the ATS and Infectious Diseases Society of America (IDSA) 2007 Guidelines for Diagnosis, Treatment, and Prevention of NTM Diseases. He was a member of the international multi-society committee that revised the NTM guidelines in 2020. He also serves as a member of the board of directors of the NTM Information and Research Foundation. Dr Griffith has authored or co-authored many manuscripts, reviews and book chapters related to NTM disease. He recently edited a book dedicated to the diagnosis and treatment of NTM infections.

Michelle Haas, MD is an Associate Professor of Infectious Diseases and has an academic appointment at the University of Colorado-Anschutz Medical Campus. Over the past 13 years she has been focused primarily on improving care for patients with tuberculosis (TB) based at Denver Health both directly and in the context of clinical and programmatic research. Her role is to direct management of active and latent TB (LTBI) in the metro area and to provide consultative support for the Colorado TB Program. She is a member of the Curry International Tuberculosis Center Warmline faculty and in this role, she consults and supports TB care within the Western Region of the United States. She is a member of the Tuberculosis Trials Consortium and is actively involved in clinical trial for a novel LTBI treatment and a new active TB treatment regimen. She is the site principal investigator for the Tuberculosis Epidemiologic Studies Consortium, a 5 year grant which aims to improve gaps in the latent TB care cascade in primary care settings. Her TB programmatic and research interests are: 1) improving access and retention in care for individuals with TB infection and disease, 2) optimizing treatment regimens for latent and active TB, and 3) improving treatment outcomes for older adults with latent and active TB.

Shannon Kasperbauer, MD (Program Co-Chair) is a Professor of Infectious Diseases at National Jewish Health and the University of Colorado Health Sciences Center. She is the director of education for the infectious disease division and manages the fellowship

program. She has directed the Denver TB Course since 2007. Dr. Kasperbauer earned her medical degree at Wright State University School of Medicine in Dayton, OH. She completed her internship and residency in internal medicine at the University of Colorado, followed by her fellowship in infectious disease, also at the University of Colorado.

Dr. Kasperbauer has written many abstracts, and has several publications, including book chapters and journal articles. She has given many presentations on infectious diseases, both nationally and internationally.

Dr. Kasperbauer's areas of interest include Chronic Respiratory Infections, General Infectious Diseases, Nontuberculous Mycobacterial Infections and Tuberculosis.

Reeti Khare, PhD, D(ABMM) is an Associate Professor and Director of the Infectious Disease Laboratory at National Jewish Health. She earned her doctorate in Virology and Gene Therapy from the Mayo Clinic and is a diplomate of the American Board of Medical Microbiology. Prior to National Jewish Health, she served as the Director of Microbiology at Northwell Health in New York. She has written a book titled "Guide to Clinical and Diagnostic Virology", several chapters on mycobacteria, and has co-authored numerous articles in peer-reviewed journals.

Stephanie Wienkers, PharmD, BCACP is an ambulatory care clinical pharmacy specialist at Denver Health Federico F. Peña Southwest Family Health Center. She completed her undergraduate and doctorate in pharmacy at the University of Wisconsin-Madison, her pharmacy residency PGY1 at Virginia Garcia Memorial Health Center in Oregon and PGY2 at Denver Health. She serves as the PharmD champion of a large-scale, CDC grant-funded intervention to improve latent tuberculosis screening and treatment in Denver Health's 17 primary care clinics.

Soonho (Snow) Yoon, MD, PhD is a thoracic radiologist and Professor in the Department of Radiology at National Jewish Health in Denver, Colorado. His work focuses on chest imaging, with particular interests in tuberculosis, nontuberculous mycobacterial disease, interstitial lung disease, chronic obstructive pulmonary disease, and AI in thoracic radiology. He received his medical degree and PhD from Seoul National University and previously served on the faculty at Seoul National University Hospital. Earlier in his career, he worked in tuberculosis control in Incheon, South Korea, an experience that continues to inform his interest in imaging for TB care and public health.

